

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
 STN Express with Discover!
 NEWS 4 OCT 28 KOREAPAT now available on STN
 NEWS 5 NOV 30 PHAR reloaded with additional data
 NEWS 6 DEC 01 LISA now available on STN
 NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
 NEWS 8 DEC 15 MEDLINE update schedule for December 2004
 NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
 NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
 NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:41:36 ON 03 JAN 2005

=> **file medline**

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:41:58 ON 03 JAN 2005

FILE LAST UPDATED: 1 JAN 2005 (20050101/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the
 MeSH 2005 vocabulary. See <http://www.nlm.nih.gov/mesh/> and
http://www.nlm.nih.gov/pubs/techbull/nd03/nd03_mesh.html for a
 description of changes.

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s (2-1H-pyridone)

2939940 2

27945 1H

532 PYRIDONE

L1 45 (2-1H-PYRIDONE)

(2(W)1H(W)PYRIDONE)

=> s pirfenidone

L2 84 PIRFENIDONE

=> s (bacetria or fungi or virus)

0 BACETRIA

38730 FUNGI

4 VIRSUS

L3 38734 (BACETRIA OR FUNGI OR VIRSUS)

=> s (bacetria or fungi or virus)

0 BACETRIA

38730 FUNGI

386393 VIRUS

L4 424375 (BACETRIA OR FUNGI OR VIRUS)

=> s (11 or 12)

L5 119 (L1 OR L2)

=> s 14 and 15

L6 3 L4 AND L5

=> d 1-3

L6 ANSWER 1 OF 3 MEDLINE on STN

Full Text References

AN 82045975 MEDLINE

DN PubMed ID: 7028050

TI [Comparative double-blind study on ciclopiroxolamine cream and placebo cream in dermatophytoses (author's transl)].
Doppelblind-Vergleichsstudie mit Ciclopiroxolamin-Creme und Plazebo-Creme bei Dermatophytosen.

AU Fredriksson T; Savopoulos C

SO Arzneimittel-Forschung, (1981) 31 (8A) 1376-8.

Journal code: 0372660. ISSN: 0004-4172.

CY GERMANY, WEST: Germany, Federal Republic of

DT (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
(RANDOMIZED CONTROLLED TRIAL)

LA German

FS Priority Journals

EM 198112

ED Entered STN: 19900316

Last Updated on STN: 19900316

Entered Medline: 19811215

L6 ANSWER 2 OF 3 MEDLINE on STN

Full Text References

AN 82045974 MEDLINE

DN PubMed ID: 7028049

TI [Open clinical trial in dermal mycoses of a 1% ciclopiroxolamine solution in polyethylene glycol 400 carried out in FR Germany/Study with shortened therapy (author's transl)].
Offene Prufung einer 1% igen Ciclopiroxolamin-Losung auf Polyethylenglykol 400-Basis bei Dermatomykosen in der Bundesrepublik Deutschland. Studie mit

verkürzter Therapiedauer.

AU Torres J; Savopoulos C; Dittmar W
 SO Arzneimittel-Forschung, (1981) 31 (8A) 1373-6.
 Journal code: 0372660. ISSN: 0004-4172.
 CY GERMANY, WEST: Germany, Federal Republic of
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA German
 FS Priority Journals
 EM 198112
 ED Entered STN: 19900316
 Last Updated on STN: 19900316
 Entered Medline: 19811215

L6 ANSWER 3 OF 3 MEDLINE on STN

Full Text	Citing References
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AN 82045965 MEDLINE
 DN PubMed ID: 7197538
 TI [Microbiological laboratory studies with ciclopiroxolamine (author's transl)].
 Mikrobiologische Laboruntersuchungen mit Ciclopiroxolamin.
 AU Dittmar W; Grau W; Raether W; Schrinner E; Wagner W H
 SO Arzneimittel-Forschung, (1981) 31 (8A) 1317-22.
 Journal code: 0372660. ISSN: 0004-4172.
 CY GERMANY, WEST: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA German
 FS Priority Journals
 EM 198112
 ED Entered STN: 19900316
 Last Updated on STN: 19990129
 Entered Medline: 19811215

=> d an ti so ab kwic 3

L6 ANSWER 3 OF 3 MEDLINE on STN

Full Text	Citing References
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AN 82045965 MEDLINE
 TI [Microbiological laboratory studies with ciclopiroxolamine (author's transl)].
 Mikrobiologische Laboruntersuchungen mit Ciclopiroxolamin.
 SO Arzneimittel-Forschung, (1981) 31 (8A) 1317-22.
 Journal code: 0372660. ISSN: 0004-4172.
 AB A survey is given on the microbiological laboratory results obtained up to date with 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic, Hoe 296, Batrafen). The activity spectrum of the drug on **fungi**, bacteria and other organisms is described. Various properties by which Cic differs from commercial antimycotics are mentioned. They concern the great uniformity of MICs in pathogenic **fungi**, their consistency under various test conditions, the importance of the nutrient medium for the level of in vitro activity, and the steepness of dose-response curves. In addition, previously described properties of Cic are summarized, including findings on its mode of action in **fungi**, its effect in model mycoses, and its high efficacy in hornified skin types. The relevance of laboratory findings for therapy is discussed.
 AB A survey is given on the microbiological laboratory results obtained up to date with 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic, Hoe 296, Batrafen). The activity spectrum of the drug on **fungi**, bacteria and other organisms is described. Various properties by which Cic differs from commercial

antimycotics are mentioned. They concern the great uniformity of MICs in pathogenic **fungi**, their consistency under various test conditions, the importance of the nutrient medium for the level of in vitro activity, and. . . of dose-response curves. In addition, previously described properties of Cic are summarized, including findings on its mode of action in **fungi**, its effect in model mycoses, and its high efficacy in hornified skin types. The relevance of laboratory findings for therapy.

- CT *Antifungal Agents: PD, pharmacology
Arthrodermataceae: DE, drug effects
*Bacteria: DE, drug effects
Candida: DE, drug effects
English Abstract
*Fungi: DE, drug effects
Microbial Sensitivity Tests
Mycoplasma: DE, drug effects
*Pyridones: PD, pharmacology
Trichomonas: DE, drug effects

=> d an ti so ab kwic 2

L6 ANSWER 2 OF 3 MEDLINE on STN

Full Text Citing References

- AN 82045974 MEDLINE
TI [Open clinical trial in dermal mycoses of a 1% ciclopiroxolamine solution in polyethylene glycol 400 carried out in FR Germany/Study with shortened therapy (author's transl)].
Offene Prufung einer 1% igen Ciclopiroxolamin-Losung auf Polyethylenglykol 400-Basis bei Dermatomykosen in der Bundesrepublik Deutschland. Studie mit verkurzter Therapiedauer.
SO Arzneimittel-Forschung, (1981) 31 (8A) 1373-6.
Journal code: 0372660. ISSN: 0004-4172.
AB In an open multicentre study, a 1% solution of 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic. Hoe 296, Batrafen) in polyethylene glycol 400 was examined for its topical activity in 344 cases of dermal mycoses. 65.4% of them were caused by dermatophytes and 19.2% by yeast-like **fungi**. In most cases, the treatment period was two weeks, with one or two daily applications. The examiners found global therapeutic effectiveness in 97.5% of the mycoses, the rate of very good and good results being 84.0%, and a very good tolerance in 99.0%. Individual side effects were predominantly subjective and transient.
AB In an open multicentre study, a 1% solution of 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic. Hoe 296, Batrafen) in polyethylene glycol 400 was examined for its topical activity in 344 cases of dermal mycoses. 65.4% of them were caused by dermatophytes and 19.2% by yeast-like **fungi**. In most cases, the treatment period was two weeks, with one or two daily applications. The examiners found global therapeutic. . .

=> d an ti so ab kwic 1

L6 ANSWER 1 OF 3 MEDLINE on STN

Full Text Citing References

- AN 82045975 MEDLINE
TI [Comparative double-blind study on ciclopiroxolamine cream and placebo cream in dermatophytoses (author's transl)].
Doppelblind-Vergleichsstudie mit Ciclopiroxolamin-Creme und Plazebo-Creme bei Dermatophytosen.
SO Arzneimittel-Forschung, (1981) 31 (8A) 1376-8.

Journal code: 0372660. ISSN: 0004-4172.

- AB In a controlled double-blind study involving 60 patients with dermatophytosis, cream containing 1% 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic, Hoe 296, Batrafen cream) was compared with vehicle as to effectiveness and tolerability. Each treatment was applied to 30 patients, the compounds being assigned at random to be used for 21 days per patient. Assessed on clinical, cultural and microscopical findings. Cic cream proved to be significantly more effective than vehicle. Under the application of Cic cream, all (100%) of the cultures and native preparations became free of **fungi** (negative), whereas with vehicle only 27% and 23% negative cultures and native preparations, respectively, were obtained. The skin symptoms showed significantly more improvement with Cic cream than with vehicle. All 60 patients completed the study. No side effects occurred.
- AB In a controlled double-blind study involving 60 patients with dermatophytosis, cream containing 1% 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-pyridone, 2-aminoethanol salt (ciclopiroxolamine, Cic, Hoe 296, Batrafen cream) was compared with vehicle as to effectiveness and tolerability. Each treatment was. . . effective than vehicle. Under the application of Cic cream, all (100%) of the cultures and native preparations became free of **fungi** (negative), whereas with vehicle only 27% and 23% negative cultures and native preparations, respectively, were obtained. The skin symptoms showed. . .

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.47	3.68

FILE 'REGISTRY' ENTERED AT 14:45:52 ON 03 JAN 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1
 DICTIONARY FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e ciclopiroxolamine/cn

E1	1	CICLOPIROX OLAMINE/CN
E2	1	CICLOPIROX-ERYTHROMYCIN MIXT./CN
E3	0 -->	CICLOPIROXOLAMINE/CN
E4	1	CICLOPRAMINE/CN
E5	1	CICLOPROFEN/CN
E6	1	CICLOPROLOL/CN
E7	1	CICLORAL/CN
E8	1	CICLOSIDOMINE/CN
E9	1	CICLOSIDOMINE HYDROCHLORIDE/CN
E10	1	CICLOSPASMOL/CN

E11 1 CICLOSPORIN/CN
E12 1 CICLOTIZOLAM/CN

=> s e1

L7 1 "CICLOPIROX OLAMINE"/CN

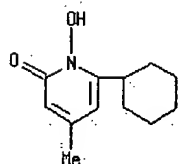
=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 41621-49-2 REGISTRY
CN 2(1H)-Pyridinone, 6-cyclohexyl-1-hydroxy-4-methyl-, compd. with
2-aminoethanol (1:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanol, 2-amino-, compd. with 6-cyclohexyl-1-hydroxy-4-methyl-2(1H)-
pyridinone (1:1) (9CI)
OTHER NAMES:
CN 1-Hydroxy-4-methyl-6-cyclohexyl-2-pyridinone ethanolamine salt
CN Batrafen
CN Brumixol
CN Ciclochem
CN **Ciclopirox olamine**
CN HOE 296
CN Loprox
CN Micoxolamina
CN Mycooster
CN NSC 336278
CN Terit
MF C12 H17 N O2 . C2 H7 N O
CI COM
LC STN Files: ADISNEWS, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
DIOGENES, EMBASE, IMSCOSEARCH, IMSPATENTS, IPA, MEDLINE, MRCK*, PHAR,
PROMT, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
(Process); PRP (Properties); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
study); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); PREP (Preparation); PROC (Process); PRP (Properties); USES
(Uses)

CM 1

CRN 29342-05-0

CMF C12 H17 N O2



CM 2

CRN 141-43-5

CMF C2 H7 N O

H₂N-CH₂-CH₂-OH

204 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
205 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

=> d his

(FILE 'HOME' ENTERED AT 14:41:36 ON 03 JAN 2005)

FILE 'MEDLINE' ENTERED AT 14:41:58 ON 03 JAN 2005

L1 45 S (2-1H-PYRIDONE)
L2 84 S PIRFENIDONE
L3 38734 S (BACETRIA OR FUNGI OR VIRSUS)
L4 424375 S (BACETRIA OR FUNGI OR VIRUS)
L5 119 S (L1 OR L2)
L6 3 S L4 AND L5

FILE 'REGISTRY' ENTERED AT 14:45:52 ON 03 JAN 2005

E CICLOPIROXOLAMINE/CN
L7 1 S E1

=>